Liste des productions scientifiques(publication, communication,....)
Année 2021

Etablissement Universitaire: Université 8 Mai 1945 Guelma

Faculté: Sciences et de la Technologie

Laboratoire: Laboratoire des Silicates, Polymères et des Nanocomposites (LSPN)

	Productions Scientifiques2021							
	Publications							
	Titre	Auteurs	Revue	Année	Catégorie de la revue:A+ , A , B-Scopus, B-non Scopus, non classée	Volume	Page	URL
Publications nationales	*Numerical Analysis of the Bending Bahavior of Bio-Sourced Composites*	*Deghboudj, S., Boukhedena, W.,Satha, H.*	*Algerian JournalofEngeneering Architecture and Urbanism*	*2021*	*B-Scopus*	*5*	*827-838*	*https://www.researchgate.net/profile/Deghboudj-Samir/publication/357536422_NUMERICAL_ANALYSIS_OF_THE_BENDING_BEHAVIOR_OF_BIO-SOURCED_COMPOSITES/links/61d31ce8d450060816892989/NUMERICAL-ANALYSIS-OF-THE-BENDING-BEHAVIOR-OF-BIO-SOURCED-COMPOSITES.pdf*

Publications internationales	*Influence of nanosized CaCO3 content in tailoring the structure, the morphology and the thermal and mechanical properties of iPP/PA66/PP-g-MA alloy*	*Bahlouli S., Makhlouf A. , Haddaoui N.*	*Int J Polym Anal Charac*	*2021*	*A*	*26*	*440–457*	*https://www.tandfonline.com/doi/abs/10.1080/1023666X.2021.1902675*
	Drilling of a bidirectional jute fibre and cork-reinforced polymer biosandwich structure: ANN and RSM approaches for modelling and optimization	*Tabet, Z., Belaadi, A., Boumaaza, M., Bourchak, M.*	*International Journal of Advanced Manufacturing Technology*	*2021*	*A*	*117*	*3819–3839*	*https://link.springer.com/article/10.1007/s00170-021-07679-y*

Publications internationales	*Experimental investigation and optimization of delamination factors in the drilling of jute fiber–reinforced polymer biocomposites with multiple estimators.*	*Adda, B., Belaadi, A., Boumaaza, M., Bourchak, M.*	*International Journal of Advanced Manufacturing Technology*	*2021*	*A*	*116*	*2885–2907*	*https://link.springer.com/article/10.1007/s00170-021-07628-9*
	Static and fatigue compression behaviour of conventional and auxetic open-cell foam	*Bouchahdane K., Ouelaa, N., Belaadi, A.*	*Mechanics of Advanced Materials and Structures*	*2021*	*A*			*https://www.tandfonline.com/doi/abs/10.1080/15376494.2021.1972496*
	Improving the mechanical performance of biocomposite plaster/ Washingtonian filifira fibres using the RSM method.	*Benzannache, N., Belaadi, A., Boumaaza, M., Bourchak, M.*	*Journal of Building Engineering*	*2021*	*A*	*33*	*101-840*	*https://www.sciencedirect.com/science/article/abs/pii/S2352710220334732*

Publications internationales	*The Effect of Alkaline Treatment on Mechanical Performance of Natural Fibers-reinforced Plaster : Optimization Using RSM.*	*Boumaaza, M., Belaadi, A., Bourchak, M.*	*Journal of Natural Fibers*	*2021*	*A*	*18*	*2220–2240*	*https://www.tandfonline.com/doi/abs/10.1080/15440478.2020.1724236*
	The Effect of Geometry on the Flexural Properties of Cellular Structures Reinforced with Natural Fibres: Statistical Approach.	*Cherief, M., Belaadi, A., Boumaaza, M., Bourchak, M.*	*Journal of Natural Fibers*	*2021*	*A*			*https://www.tandfonline.com/doi/full/10.1080/15440478.2021.1964134*

Publications internationales	*Enhancement of the photoelectrochemical properties of TiO2 Nanofibers supported on Ti sheets by polyol-made CdSe quantum-dots impregnation*	*Samiha Chaguetmi, Salem Chaguetmi, Nadjah Sobti, Hanène Belkahla, Larissa Chaperman, Athanasios Chatzitakis, SlimaneAchour, FaynaMammeri, SouadAmmar Merah*	*Materials Letters*	*2021*	*A*	*273*	*127-934*	*https://www.sciencedirect.com/science/article/abs/pii/S0167577X2030639X*
	Pure perovskite BiFeO3–BaTiO3 ceramics prepared by reaction flash sintering of Bi2O3–Fe2O3–BaTiO3 mixed powders	*AhmedTaibi, SalemChaguetmi, Pedro E.Sánchez-Jiménez, AntonioPerejón, José EduardoGarcía, HamidSatha, Luis A.Pérez-Maqueda*	*Ceramics International*	*2021*	*A*	*47*	*26947-26954*	*https://www.sciencedirect.com/science/article/pii/S0272884221018526*
	Synthesis, structural and thermal characterization of silica glasses containing BaO, SrO and ZnO oxides	*Atamnia, K., Satha, S.,Satha, H., Gonon, M.F*	*Materials Research Express*	*2021*	*A*	*8*	*015-201*	*https://iopscience.iop.org/article/10.1088/2053-1591/abd33c/meta*

Publications internationales	*Spectroscopic characterization by up conversion of Ho3+/Yb3+codoped CdF2 single crystal*	*Bordj, S.,Satha, H., Barros , A., ...Diaf, M., Mahiou, R.*	*Optical Materials*	*2021*	*A*	*118*	*111-249*	*https://www.sciencedirect.com/science/article/abs/pii/S092534672100450X*
	Disposable non-enzymatic electrochemical glucose sensors based on screen-printed graphite macroelectrodes modified: Via a facile methodology with Ni, Cu, and Ni/Cu hydroxides are shown to accurately determine glucose in real human serum blood samples	*Chelaghmia, M.L., Fisli, H., Nacef, M., ...Satha, H.,Banks, C.E*	*Analytical Methods*	*2021*	*A*	*13*	*2812–2822*	*https://pubs.rsc.org/en/content/articlelanding/2021/ay/d1ay00056j/unauth*

Publications internationales	*Free Vibration Analysis of Symmetric Laminated Composite Thin Rectangular Plate and Passive Control with Attached Patches*	*Deghboudj, S., Boukhedena, W. ,Satha, H.*	*Journal of Failure Analysis and Prevention*	*2021*	*A*	*21*	*1240–1251*	*https://link.springer.com/article/10.1007/s11668-021-01152-4*
	Thermal degradation kinetics of OpuntiaFicusIndica flour and talc-filled poly (lactic acid) hybrid biocomposites by TGA analysis	*Gharsallah, A., Layachi, A., Louaer, A., Satha, H.*	*Journal of Composite Materials*	*2021*	*A*	*55*	*3099–3118*	*https://journals.sagepub.com/doi/abs/10.1177/00219983211008202*
	Chitin–Glucan Complex from Pleurotusostreatus Mushroom: Physicochemical Characterization and Comparison of Extraction Methods	*Boureghda, Y. Satha, H., Bendebane, F.*	*Waste and Biomass Valorization*	*2021*	*A*	*12*	*6139–6153*	*https://www.researchgate.net/publication/351080745_Chitin-Glucan_Complex_from_Pleurotus_ostreatus_Mushroom_Physicochemical_Characterization_and_Comparison_of_Extraction_Methods*